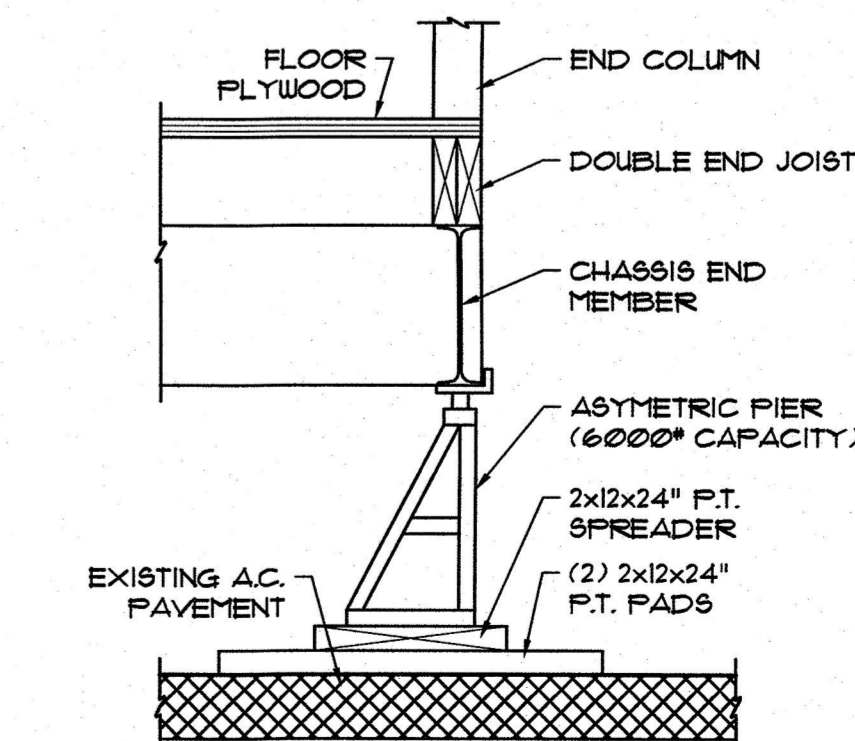
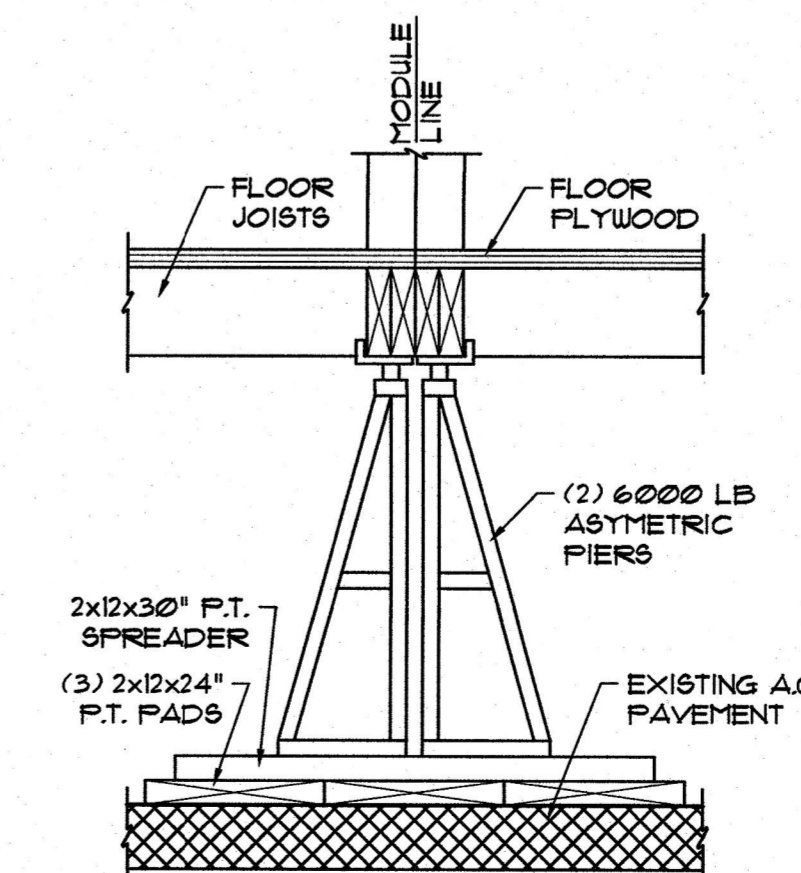
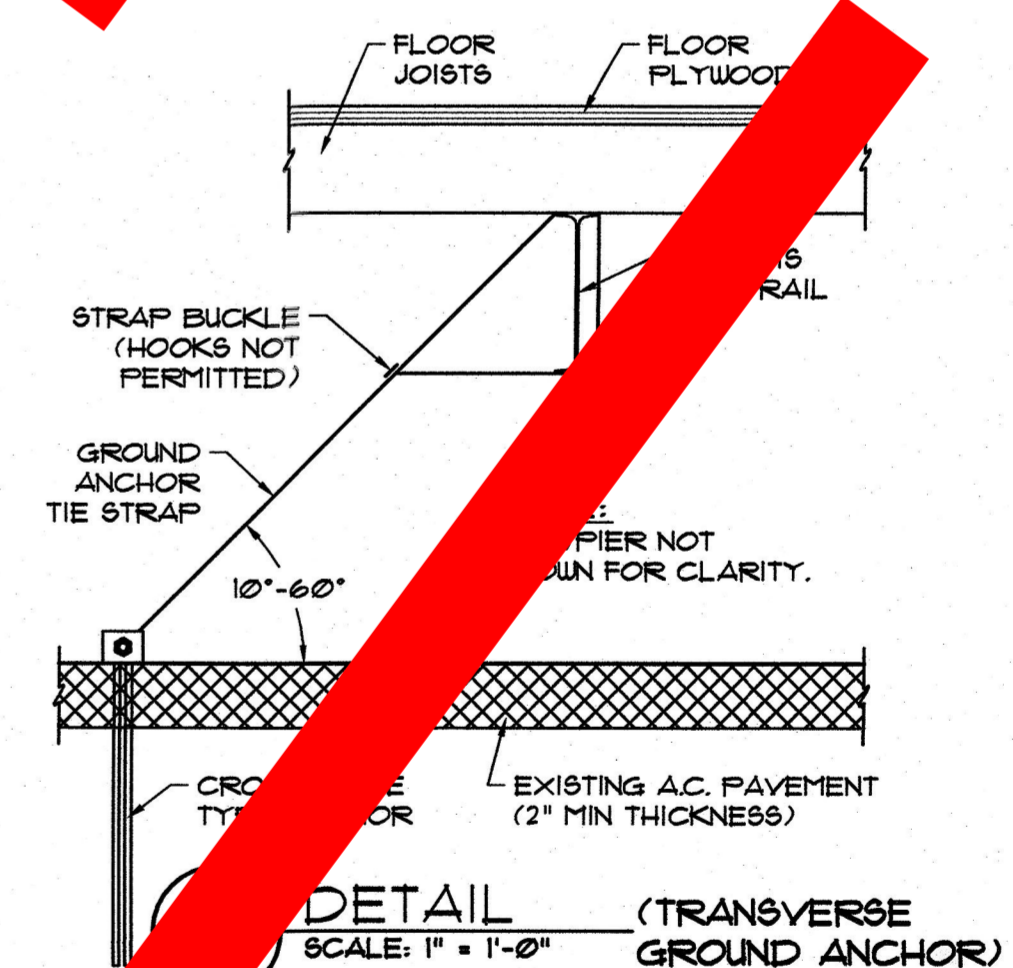
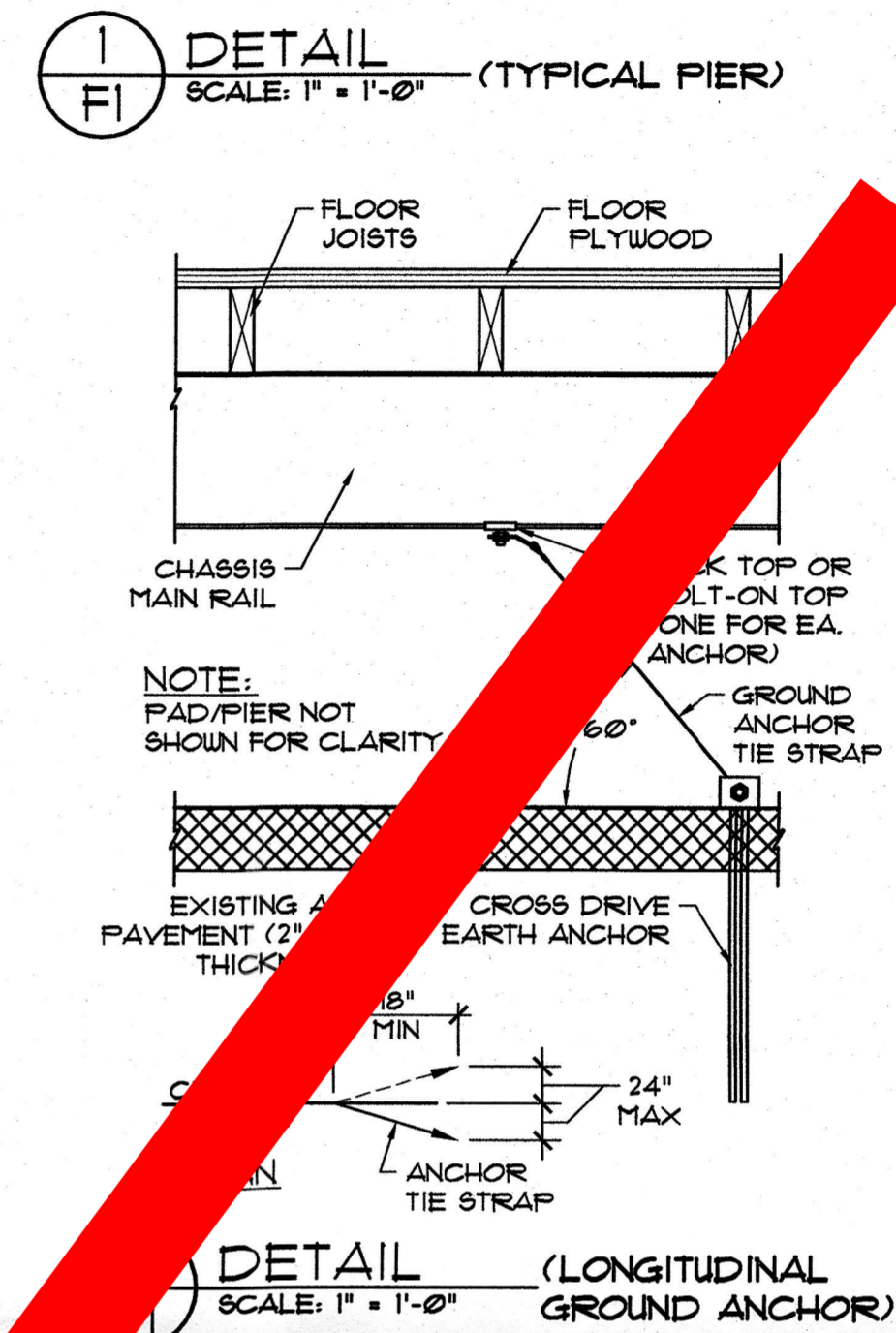
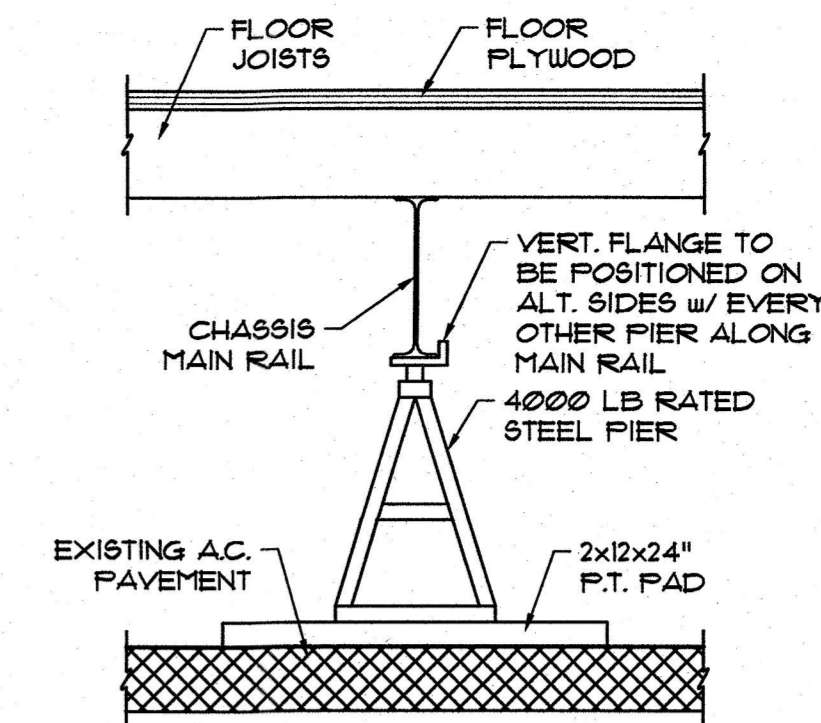


CONSTRUCTION NOTES:

- 1.) FOUNDATION DESIGN LOADS:
ROOF LIVE LOAD = 20 PSF
FLOOR LIVE LOAD = 50 PSF
ULT. WIND SPEED = 115 MPH, EXPC'
EARTHQUAKE DESIGN DATA:
a.) SEISMIC IMPORTANCE FACTOR: 1.00
RISK CATEGORY: 'II'
b.) MAPPED SPECTRAL RESPONSE ACCELERATIONS: S_s = 1.604g
S₁ = 0.616g
'D' (DEFAULT)
SDS = 1.341
SD1 = 0.698
'D'
c.) SITE CLASS: 'D'
d.) SPECTRAL RESPONSE COEFFICIENTS: SD1 = 0.698
'D'
e.) SEISMIC DESIGN CATEGORY: LIGHT FRAMED WALL
f.) BASIC SEISMIC FORCE RESISTING SYSTEM: SYSTEM USING FLAT STRAP BRACING
0.412 W
C_s = 0.331
R = 4
EQUIVALENT LATERAL FORCE ANALYSIS
13
g.) DESIGN BASE SHEAR:
h.) SEISMIC RESPONSE COEFFICIENT:
i.) RESPONSE MODIFICATION FACTOR:
j.) ANALYSIS PROCEDURE USED:
k.) REDUNDANCY FACTOR USED:
- 2.) ALL WORK SHALL CONFORM TO 2019 CBC AND/OR LOCAL BUILDING CODES.
- 3.) ACUMEN ENGINEERING HAS NOT INVESTIGATED THE SOILS SUPPORTING THIS BUILDING. THE ALLOWABLE BEARING CAPACITY IS ASSUMED TO BE 1500 PSF & THE ALLOWABLE ANCHOR FULLOUT CAPACITY IS ASSUMED TO BE 2962 LBS. IF ACTUAL SOIL CONDITIONS AT THIS SITE ARE KNOWN TO VARY FROM THESE ASSUMPTIONS, THEN ACUMEN ENGINEERING MUST BE NOTIFIED IMMEDIATELY.
- 4.) CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON PLANS. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES.
- 5.) THIS DESIGN IS BASED ON THE FLOOR & ROOF ASSEMBLIES ACTING AS CONTINUOUS DIAPHRAGMS TO DISTRIBUTE LATERAL LOADS. REFER TO BUILDING MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PROPER INTER-MODULE CONNECTIONS.
- 6.) ALL LUMBER IN CONTACT WITH OR WITHIN 8" OF SOIL TO BE PRESERVATIVE TREATED.
- 7.) ALL FASTENERS USED IN FOUNDATION MUST BE CORROSION RESISTANT.

- 8.) SKIRTING (IF USED) MUST BE SELF SUPPORTING AND MAY NOT TRANSFER ANY LOAD.
- 9.) IF SKIRTING IS USED, UNDER FLOOR AREA MUST BE VENTILATED AT 1 SQ. FT. FOR EACH 1500 SQ. FT. OF FLOOR AREA. OPENING MUST BE COVERED W/ CORROSION RESISTANT MESH WITH OPENINGS OF 1/4 INCH.
- 10.) IF SKIRTING IS USED, AN ACCESS OPENING WITH DIMENSIONS NOT LESS THAN 18"x24" SHALL BE PROVIDED WITH HASP AND LOCK.
- 11.) HEIGHT OF FINISHED FLOOR ABOVE GRADE SHALL NOT EXCEED 36".
- 12.) ALL UTILITY/RAMP/STAIR DESIGN AND SITE/UTILITY/GRADING DESIGN BY OTHERS.
- 13.) ALL EARTH ANCHORS SHALL HAVE A TOLERANCE OF 10 DEGREES (VERTICALLY AND HORIZONTALLY).
- 14.) EARTH ANCHORS TO BE MANUFACTURED BY 'ABESCO' OR APPROVED EQUAL (STATE OF CALIFORNIA PLAN APPROVAL NUMBER -106C).
- 15.) EARTH ANCHOR TIE STRAP MUST CONFORM TO ANSI STD. *A225.1.
- 16.) STEEL PIERS MUST BE 'TIE DOWN ENGINEERING-SERIES MPF' OR APPROVED EQUAL. (PIER DESIGN CAPACITY TO BE 4000* UNLESS NOTED).
- 17.) THE MANUFACTURER'S INSTRUCTIONS MUST BE STRICTLY ADHERED TO WHEN INSTALLING PIERS, EARTH ANCHORS, TIE STRAPS, ETC.
- 18.) MODULAR BUILDING TO BE CALIFORNIA HCD APPROVED COMMERCIAL MODULAR.
- 19.) ACUMEN ENGINEERING WILL NOT INSPECT THE INSTALLED FOUNDATION SYSTEM. THE OWNER OF THIS BUILDING AGREES TO INDEMNIFY ACUMEN ENGINEERING FOR DAMAGES ARISING FROM IMPROPER INSTALLATION.



REVISIONS

DATE	BY

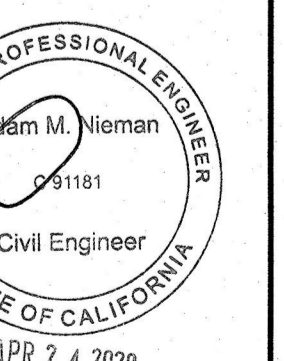
11624 NORTH 151ST LANE
SURPRISE, AZ 85379
(800) 511-9811

ACUMEN
Engineering Design

PACIFIC
MOBILE STRUCTURES

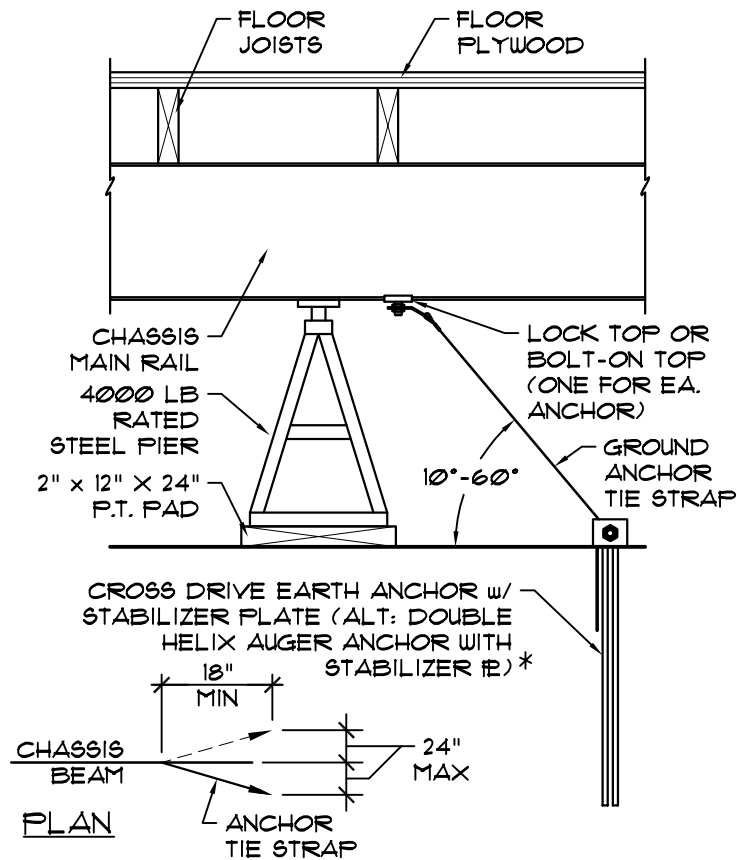
4315 FARM SUPPLY DRIVE, CERES, CA. 95301
(800) 441-8603

PAD/PIER/ANCHOR DESIGN
24' x 60' MODULAR OFFICE BUILDING
THE CATHOLIC COMMUNITY OF PLEASANTON
4005 STONERIDGE DRIVE
PLEASANTON, CALIFORNIA 94566

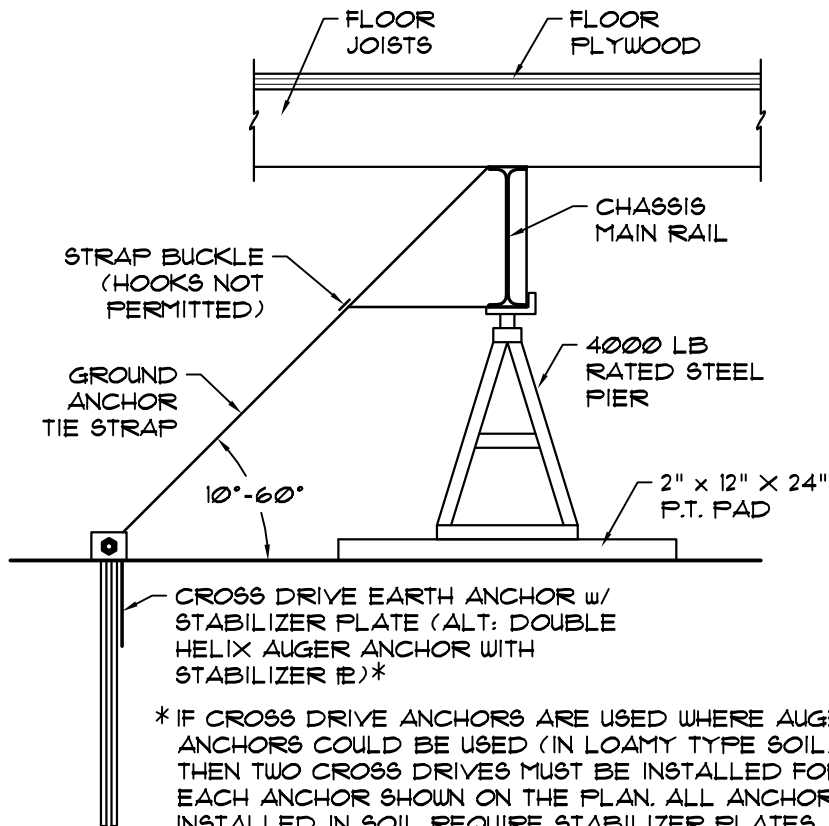


DATE: 4/20
SCALE: SHOWN
DWN: AN.
JOB: 200436
SHEET

F1
OF 1 SHEET



2
F1 **DETAIL** (LONGITUDINAL GROUND ANCHOR)
SCALE: 1" = 1'-0"

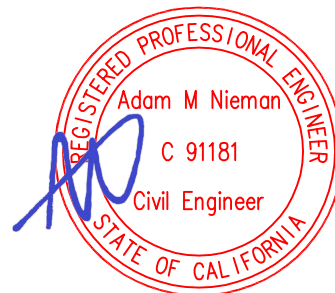


* IF CROSS DRIVE ANCHORS ARE USED WHERE AUGER ANCHORS COULD BE USED (IN LOAMY TYPE SOIL) THEN TWO CROSS DRIVES MUST BE INSTALLED FOR EACH ANCHOR SHOWN ON THE PLAN. ALL ANCHORS INSTALLED IN SOIL REQUIRE STABILIZER PLATES.

3
F1 **DETAIL** (TRANSVERSE GROUND ANCHOR)
SCALE: 1" = 1'-0"

INSTALLATION OVER
CLASS 2 BASE IN
LIEU OF ASPHALT

9.) IF SKIRTING IS USED, UNDER FLOOR AREA MUST BE VENTILATED AT 1 SQ. FT. FOR EACH 150 SQ. FT. OF FLOOR AREA. OPENING MUST BE COVERED w/ CORROSION RESISTANT MESH WITH OPENINGS OF 1/4 INCH.



MAY 14 2020

ACUMEN
Engineering, Inc.

12808 SOUTH 600 EAST, DRAPER, UT. 84020
(801) 571 - 9877
FAX (801) 571 - 9951

PACIFIC
MOBILE STRUCTURES

4375 FARM SUPPLY DRIVE, CERES, CA. 95307
1 (800) 441 - 8603

ADDENDUM #1

24' x 60' MODULAR OFFICE BUILDING
THE CATHOLIC COMMUNITY OF PLEASANTON
4005 STONERIDGE DRIVE
PLEASANTON, CALIFORNIA 94588

DATE	5/20
SCALE	SHOWN
DRAWN	AN.
JOB	200436
SHEET	

A1.1

OF 1 SHEET